

# Department of Transportation

## Defining SE Baltimore Truck Routes



# Truck Study Background

- Baltimore City's industrial base provides stable, long-term, good paying jobs for people who live in the City.
- The industrial base injects Millions in direct and indirect revenue into the City and the SE Neighborhoods.
- Maryland trucking industry employs over 145,000 employees.
  - Delivers over 30 million tons of freight.
  - City of Baltimore is a major destination route.
  - Truck traffic must be managed as efficiently as possible.





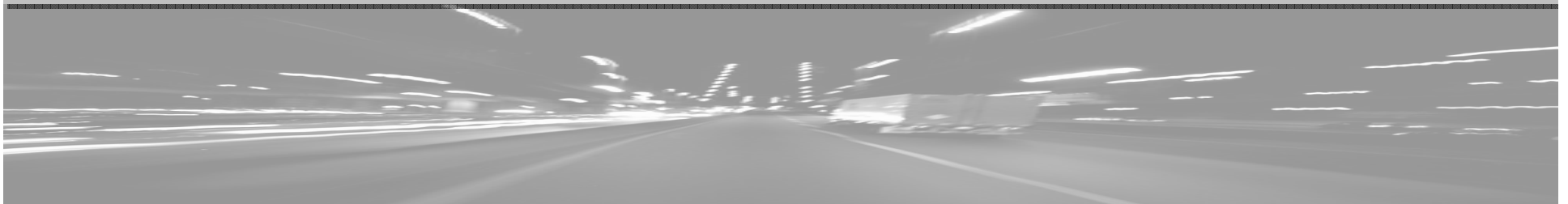
# Truck Study Background

- The SE district is home to the Port of Baltimore
  - One of the major origin points for freight trucks along the east coast
- Industrial/Commercial businesses are vibrant and expanding
- Strong competitive pressure from the other east coast ports seeking to draw businesses from Baltimore City
- With growing residential and commercial/industrial areas
  - Baltimore City needs an efficient and established flow of truck traffic that is compatible with residential and commercial needs



# Truck Study Process

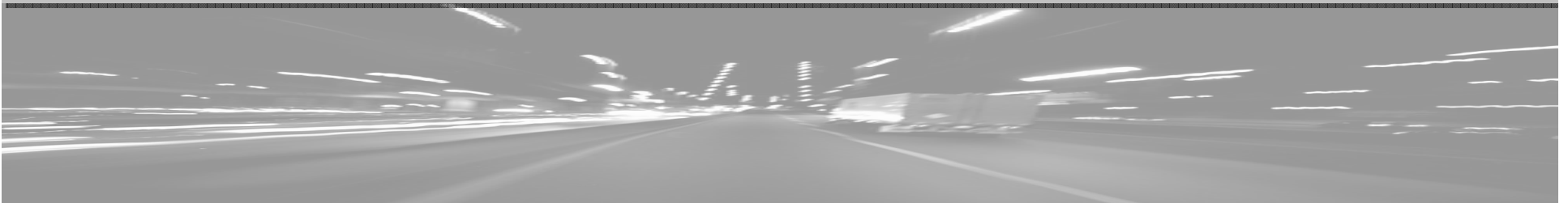
- Inventory the existing signage and document the posted restrictions.
- Prior to making changes, a clear grasp of the existing conditions is needed.
- In order to concentrate and mobilize a pilot study in the southeast corridor was initiated in early 2009 and completed December 2009 by DOT.
- Eventually a full signage inventory of the entire city will be completed and a New City-wide Truck Route Map Published.





# Truck Study Project History

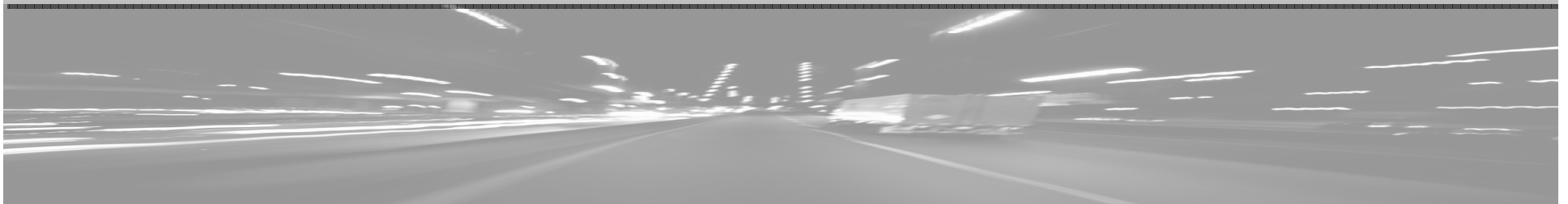
- **First Project Meeting – January 29, 2008**
- Purpose: to discuss freight movement throughout the City
  - Truck Destinations
  - Routes to destinations
  - Routes out of the City of Baltimore





# Truck Study Project History

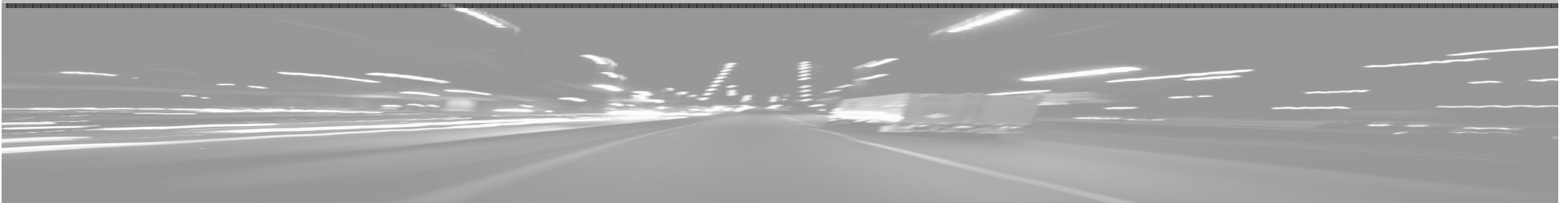
- **Kick Off Meeting with Task Force— March 13, 2008**
- Purpose: to provide a clear pathway for the movement of freight through and throughout the City of Baltimore
- Identify key stakeholders and their roles in the process of developing a TRUCK ROUTE MAP
- Identify the boundary of SE Study Area
  - Orleans St to the north,
  - Interstate 83 to the west,
  - City/county line to the east
  - Water to the south





# Truck Study Project History

- **Working Session June 9th 2008**
- Purpose to identify educational components for the truck map and study process
- Identify audiences: residents, truckers, law enforcement and businesses
- Develop materials to help raise the awareness educational components

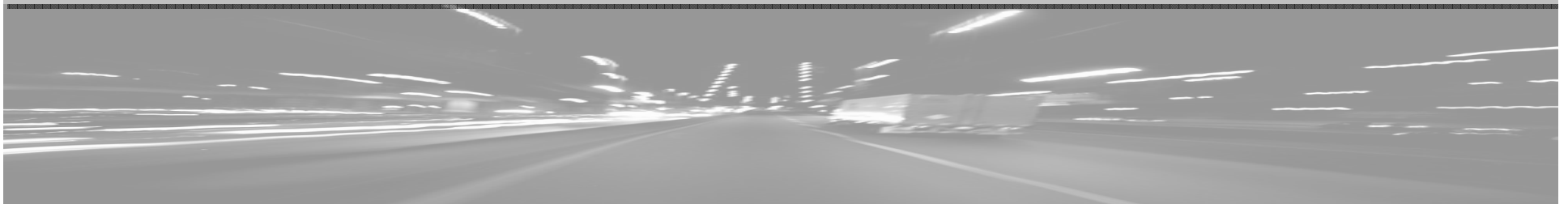






# Truck Study Project History

- **Working Session July 24th 2008**
- Purpose: identify and map the components
- Components include Truck Route, Through Route, Local Route, Restricted Route, Permitted Route.
- Major through-ways have been identified

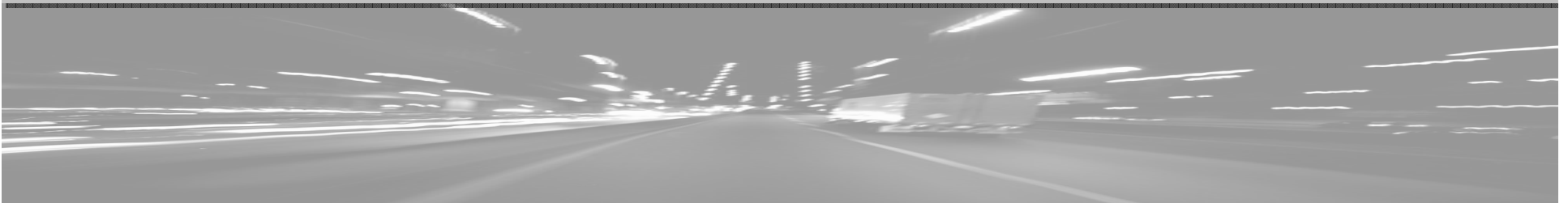






# Truck Study Project History

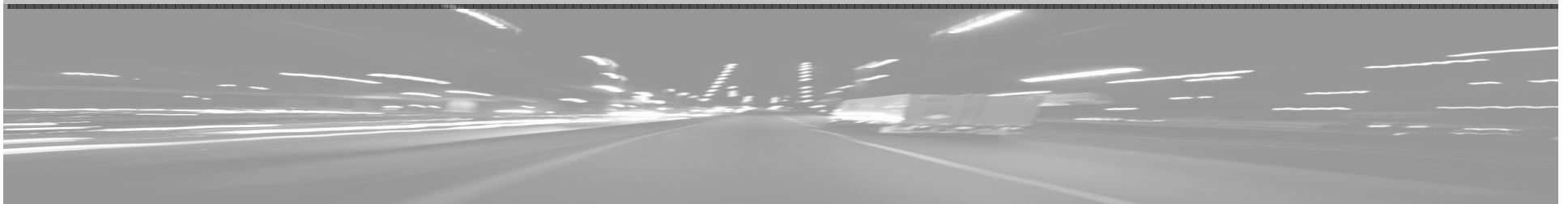
- **Truck Study Status as of October 27, 2008**
- Elements of the Map include:
  - Bridge locations and heights,
  - Zoning
  - Building footprints
  - Large truck destinations
    - (gas station, supermarket, truck stop)





# Truck Study Methodology

- **Truck Route Methods:**
  - Local route: provide the shortest distance where the street capacity will allow trucks to move.
  - Through route: provide the shortest distance to allow trucks to move through and out of the City
    - street capacity
    - Zoning
    - Posted restrictions
  - Apply method starting with the major road ways and then focusing on the minor arterials will determine the best routes city-wide.





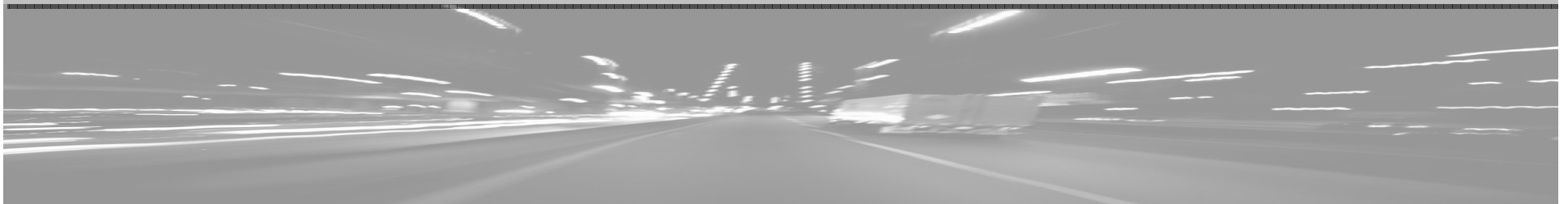
# Truck Study Goals

## ■ The Baltimore City Department of Transportation

believes that this inventory project will be a catalyst for fostering better relationships between neighborhoods and industrial activities.

Provide understanding of necessity of trucks to have the ability to deliver goods and and contribute to economic growth.

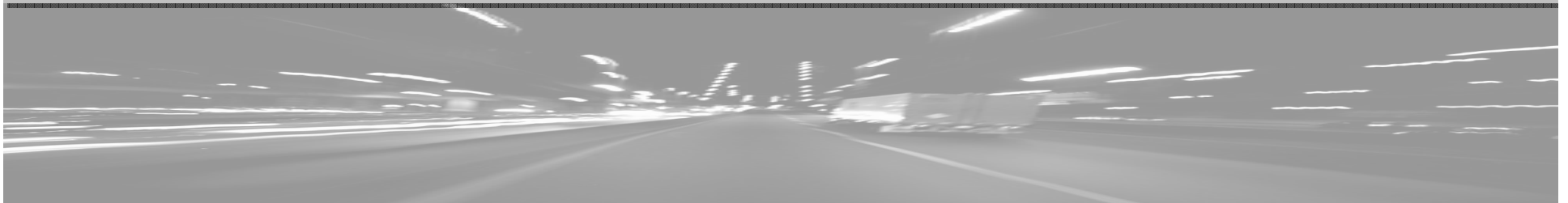
Create a comprehensive truck route that is easy to understand, enforce and eliminates confusion.





# Truck Study Goals

- Inventory Consistent with Baltimore City Comprehensive Master Plan 2007-2012
- Goal 3: Improve Transportation Access and Choice for City Residents
  - Objective 1: Create a Comprehensive Transportation Plan to Improve Mobility and Choice Strategy
  - Implement Transportation System Management (TSM) techniques to improve the efficiency and safety of existing roadway system
  - of Live Earn Play Learn: The City of Baltimore's Comprehensive master plan strategy: Implement Transportation





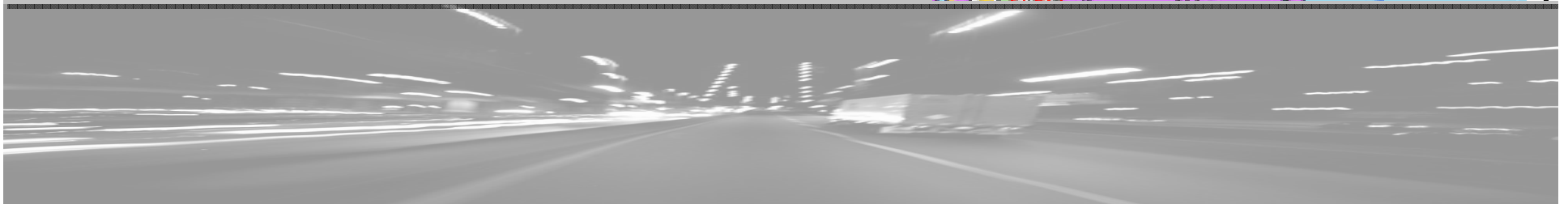
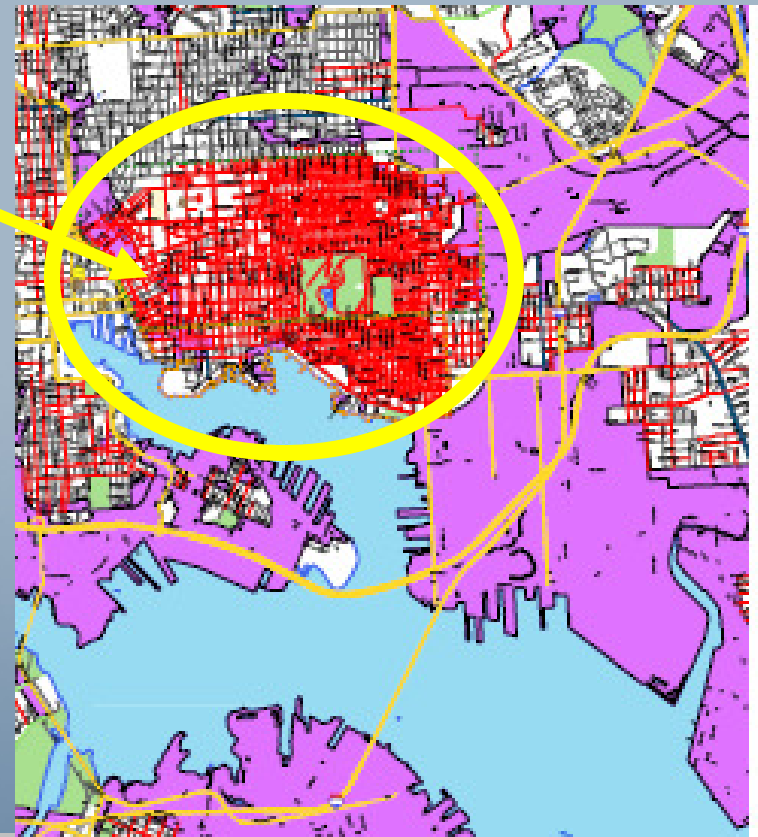


# Truck Study Restricted Route Map

## ■ Existing Restricted Route Map

Red designation of existing Restrictions - entire area is restricted

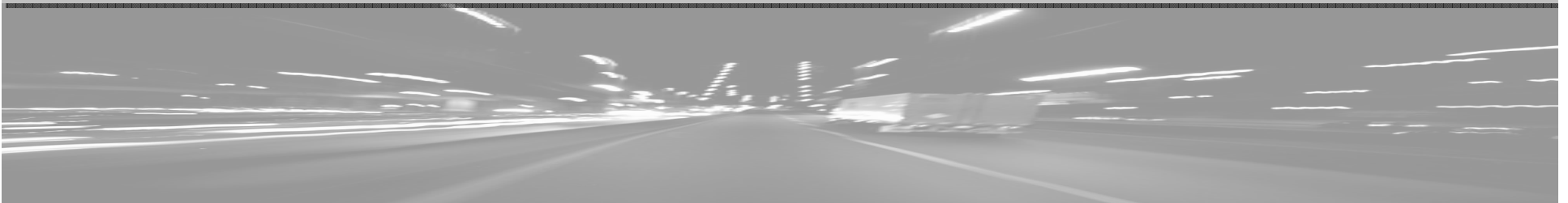
- Restricts trucks within the SE to the exclusion of efficient delivery of goods and services to your home, office, and retail.





# Truck Study Definitions

## Truck Study Definitions



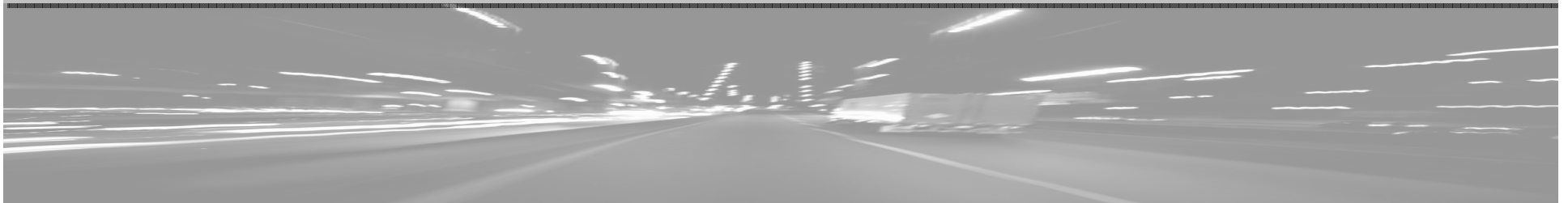


# Truck Study Definitions

## ■ ***Truck:***











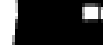


Motor Vehicle, except a multipurpose passenger vehicle that is designed used or maintained primarily to carry cargo property.

*As defined by MD Vehicle Law*

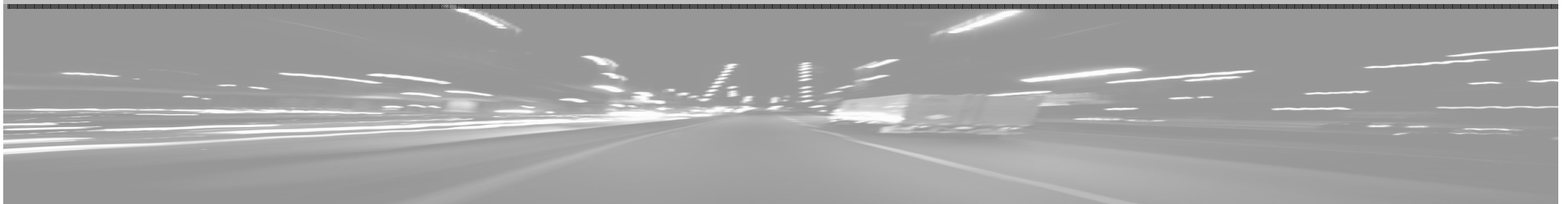




# Truck Study Definitions

<p>CLASS 1 6,000 lb &amp; less</p>	 Utility Van  Pick-up  Compact Van  Multipurpose
<p>CLASS 2 6,001-10,000 lb</p>	 Utility Van  Pick-up  Compact Van  Walk-in
<p>CLASS 3 10,001-14,000 lb</p>	 Milk Bread  Compact Van  Walk-in
<p>CLASS 4 14,001-16,000 lb</p>	 Conventional Van  Large Walk-in

- Small Delivery Vans
- Florists, Gift Baskets, Post office
- Small Contractor Trucks
- FedEx, UPS
- Grocery, Furniture
- Bread Trucks
- Dry Cleaning
- Food Delivery







# Truck Study Definitions

- Tree Trimming
- Landscape Trucks
- Junk Haulers
- Large FedEx, UPS
- Moving, Ryder, U-Haul
- Large Furniture trucks
- School Buses
- Service to Restaurants
- Trash Trucks
- Recycling Trucks
- Home Fuel
- Tow Trucks
- Transit Buses

## CLASS 5 16,001-19,500 lb



Rack



Tree Specialist



Large Walk-in

## CLASS 6 19,501-26,000 lb



Furniture



School



Coe Van



Single Axle Van

## CLASS 7 26,001-33,000 lb



Home Fuel



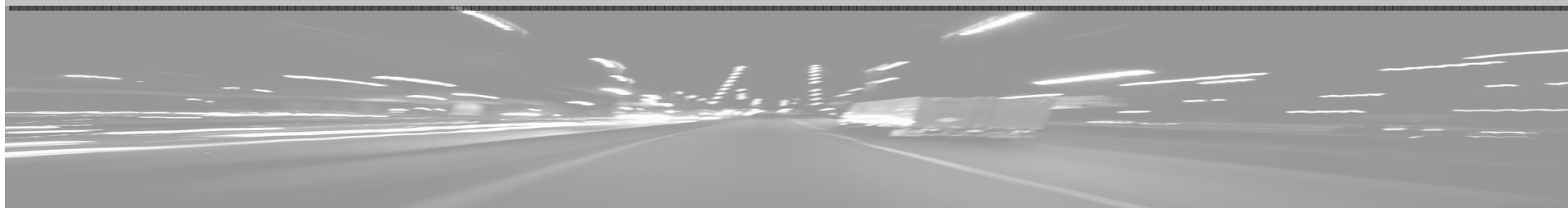
Transit



Trash



Medium Conventional





# Truck Study Definitions



Platform



Drop Frame



Dump



Reefer



Deep Drop



Auto Train



Van



Doubles



Liquid Tanker



Dry Bulk



Logger

CLASS 8  
33,001 lb & over



Dump



Cement

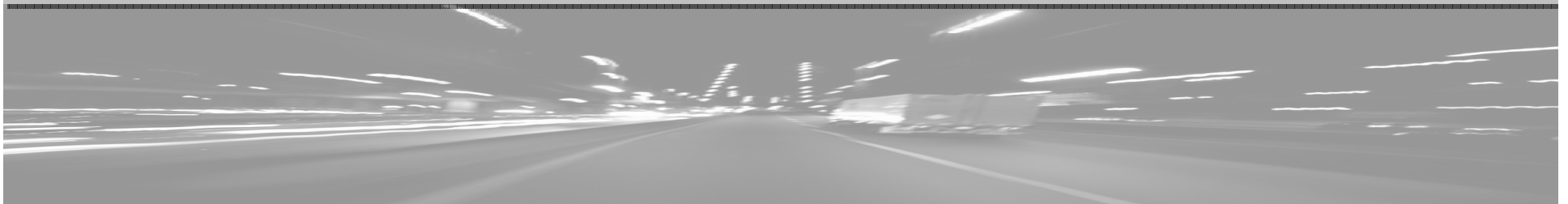


Extra Heavy  
Tandem Conventional



Coe Sleeper

- Dump Trucks
- Construction Trucks
- Cement Trucks
- Tractor Trailer Trucks
- Heavy Duty Trucks with Trailers





# Truck Study Definitions

## Port Trucks

### SOUTHEAST/DUNDALK/ESSEX/SEAGIRT PORT TRUCKS



Port Container Truck 1



Port Container Truck 2



Port Container Truck 3

### NON-PORT COMBO TRUCKS (18-WHEELERS)



Domestic Cargo Combo Truck

### FAIRFIELD/MASONVILLE PORT TRUCKS



Fuel/Asphalt/Molasses Delivery Trucks



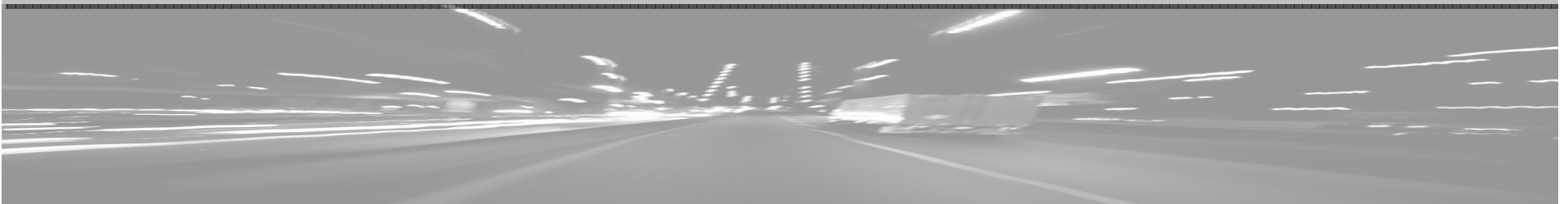
Car Carrier Truck



# Truck Study Definitions

## ■ ***Truck Route:***

A path in and through the City of Baltimore where roads are capable of handling Trucks weights with the intention of reducing the impact of truck traffic through nearby residential neighborhoods.



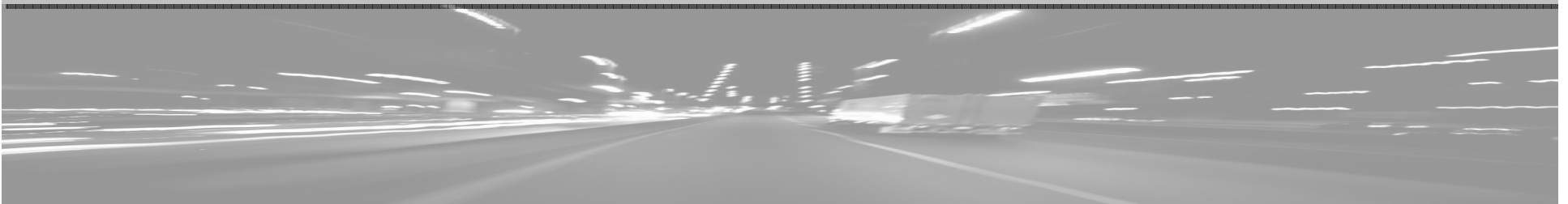
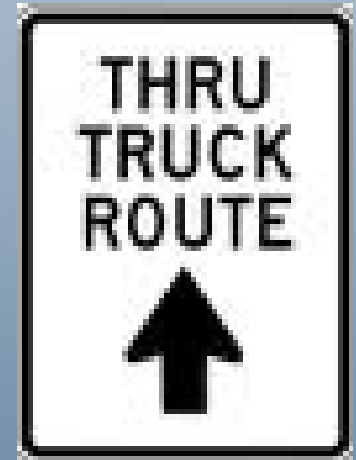




# Truck Study Definitions

- ***Through Route:***

Approved route(s) trucks should take through The City of Baltimore with the end purpose of arriving at a major highway.





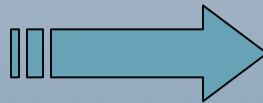
# Truck Study Definitions

## ■ ***Local Route:***

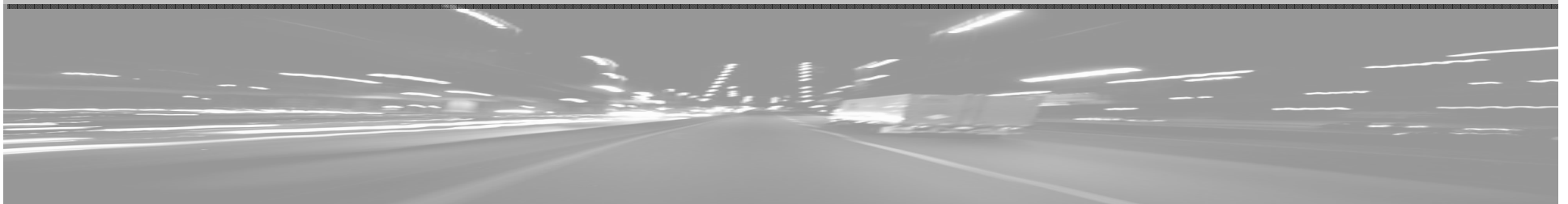
Route designated to move a truck from a truck route to the destination (Home, Office, Retail)



(Goods and Services)



(Home, Work, Shopping)



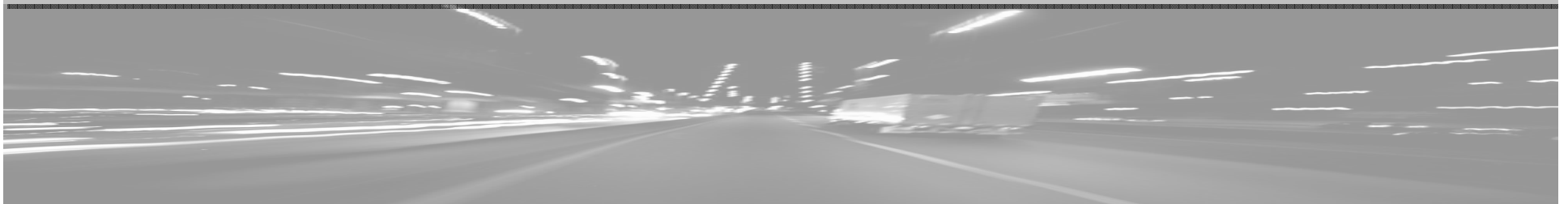


# Truck Study Definitions

- ***Restricted Route:***
- Route that has specific truck
- restrictions including size, weight,
- height, hours of movement



- ***Truck Restriction(s):***
- Restrictions Based on Vehicle type
  - Tractor Trailers
  - Port Trucks
  - Over sized





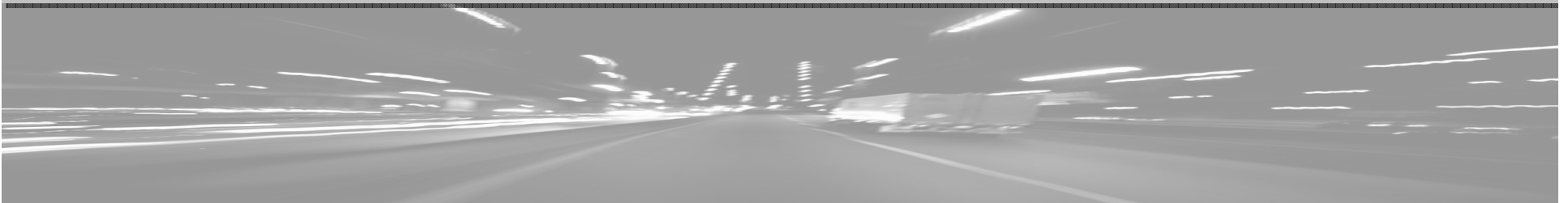
# Truck Study Definitions

## ■ ***Permitted Route:***

The route a truck will travel for local delivery.

All trucks must travel on designated local and through routes to the intersection nearest their designation.  
All posted restrictions must be obeyed.

- The route meets engineering criteria
- Both Through and Local routes are Permitted Route

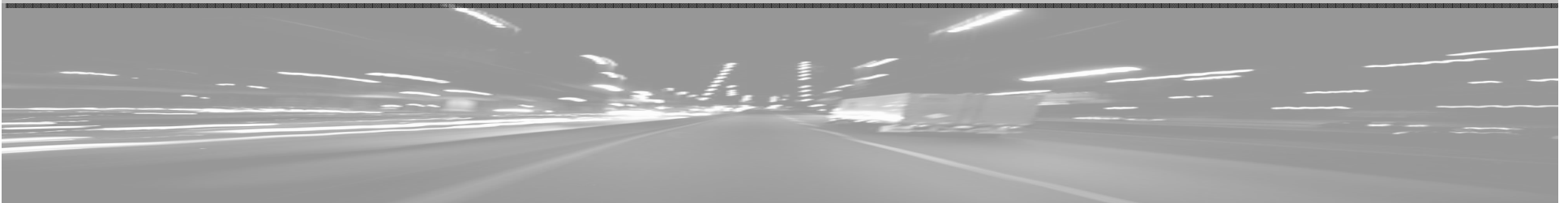






# Truck Study Next Steps

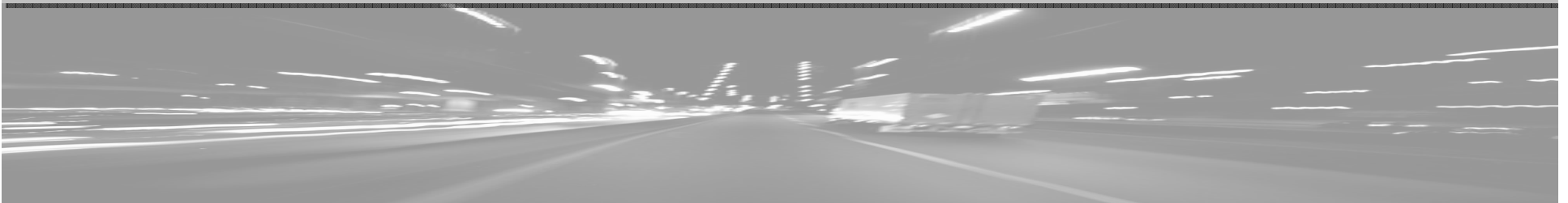
- Draft Report / Map SE – Proposed Truck Routes
- Community Presentation SE
  - Community Associations
  - Law Enforcement
  - Truck and Port Operators
- Final Truck Route Plan SE
- Adopting Plan for SE
- Roll Out City-Wide





# SE Truck Route Map

- Proposed SE Truck Route Map
  - Proactive – Show the Truck Driver where they are suppose to drive.
  - Distribute the burden of truck routes across all neighborhoods in the SE.
  - Allows for enforcement of the truck routes and violations by law enforcement agencies.







Thank You

